

CentriVap® Cold Traps

Features & Benefits



An integral part of every CentriVap system

Cold traps protect the vacuum pump by trapping moisture, vapors and corrosive fumes as they evaporate from the samples. Three collector temperatures are offered: -50° C, -84° C and -105° C; selection should be based on the freezing point of solvents being trapped.

HCFC/CFC-free refrigeration system

The -50° C Cold Traps have a high capacity 1/3 hp compressor to lower cold trap temperature to -50° C (-58° F) in less than 30 minutes and accelerate start up procedures. The -84° C Cold Traps have two compressors to lower cold trap temperature to -84° C (-119° F) in less than 40 minutes. The -105° C Cold Traps have two compressors to lower cold trap temperature to -105° C (-157° F) in less than 40 minutes.

Temperature graph

Displays relative collector coil temperature. Green LED lights indicate conditions are right for beginning a process.

Stainless steel collector

Holds up to four liters of liquid and accommodates an optional Glass Insert 7397605 for use with corrosives.

Corrosion-resistant collector drain

Corrosion-resistant polypropylene valve and stainless steel plumbing speed clean up and eliminate need for glass insert with non-corrosives.

Acrylic or stainless steel lid

Has two Quick-Disconnect fittings for 1/2" ID hose for connecting the Cold Trap and Concentrator. Lid is acrylic or stainless steel on -50° C Cold Traps and stainless steel on -84° C and -105° C Cold Traps.

Optional secondary chemical traps

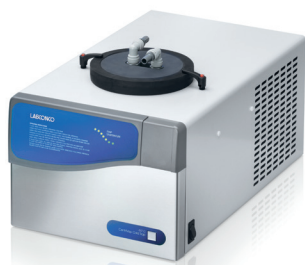
Trap Inserts for removing acids, moisture, radiochemicals and solvents minimize release of contaminants into the atmosphere.

Full one year warranty



CentriVap® Cold Traps

Ordering Information



CentriVap -50° C Cold Trap



CentriVap -84° C Cold Trap



CentriVap -105° C Cold Trap

Catalog Number	Temperature	Lid	Electrical Requirements	Receptacle & Plug Type	Overall Dimensions (w x d x h)	Shipping Weight
7811020	-50° C (-58° F)	Acrylic	115V, 60 Hz, 7.0A	North America, 115V, 60 Hz	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7811021	-50° C (-58° F)	Stainless Steel	115V, 60 Hz, 7.0A	North America, 115V, 60 Hz	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7811040	-50° C (-58° F)	Acrylic	230V, 60 Hz, 3A	North America, 230V	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7811041	-50° C (-58° F)	Stainless Steel	230V, 60 Hz, 3A	North America, 230V	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7811030	-50° C (-58° F)	Acrylic	230V, 50 Hz, 3A	Schuko	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7811031	-50° C (-58° F)	Stainless Steel	230V, 50 Hz, 3A	Schuko	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7811035	-50° C (-58° F)	Acrylic	230V, 50 Hz, 3A	British (UK)	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7811036	-50° C (-58° F)	Stainless Steel	230V, 50 Hz, 3A	British (UK)	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7811037	-50° C (-58° F)	Acrylic	230V, 50 Hz, 3A	China/Australia	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7811038	-50° C (-58° F)	Stainless Steel	230V, 50 Hz, 3A	China/Australia	14.5" x 24.2" x 13.8"	80 lbs. (36 kg)
7460020	-84° C (-119° F)	Stainless Steel	115V, 60 Hz, 12A	North America, 115V, 60 Hz	14.5" x 22" x 20.9"	142 lbs. (64 kg)
7460040	-84° C (-119° F)	Stainless Steel	230V, 60 Hz, 6A	North America, 230V	14.5" x 22" x 20.9"	142 lbs. (64 kg)
7460030	-84° C (-119° F)	Stainless Steel	230V, 50 Hz, 6A	Schuko	14.5" x 22" x 20.9"	142 lbs. (64 kg)
7460035	-84° C (-119° F)	Stainless Steel	230V, 50 Hz, 6A	British (UK)	14.5" x 22" x 20.9"	142 lbs. (64 kg)
7460037	-84° C (-119° F)	Stainless Steel	230V, 50 Hz, 6A	China/Australia	14.5" x 22" x 20.9"	142 lbs. (64 kg)
7385020	-105° C (-157° F)	Stainless Steel	115V, 60 Hz, 13A	North America, 115V, 60 Hz	24.1" x 23.9" x 17.6"	170 lbs. (77 kg)
7385040	-105° C (-157° F)	Stainless Steel	230V, 60 Hz, 7A	North America, 230V	24.1" x 23.9" x 17.6"	170 lbs. (77 kg)
7385030	-105° C (-157° F)	Stainless Steel	230V, 50 Hz, 7A	Schuko	24.1" x 23.9" x 17.6"	170 lbs. (77 kg)
7385035	-105° C (-157° F)	Stainless Steel	230V, 50 Hz, 7A	British (UK)	24.1" x 23.9" x 17.6"	170 lbs. (77 kg)
7385037	-105° C (-157° F)	Stainless Steel	230V, 50 Hz, 7A	China/Australia	24.1" x 23.9" x 17.6"	170 lbs. (77 kg)

See pages 22-23 for ordering information on CentriVap Systems.